

COMMERCIAL ITEM DESCRIPTION

CONNECTORS, ELECTRICAL, PLUGS, TIP, SINGLE (BANANA JACK TO TEST POINT PLUG)

The General Services Administration has authorized the use of this commercial item description (CID) for all federal agencies.

The complete requirements for acquiring the connectors described herein shall consist of this document and CID A-A-55469.

1. **SCOPE.** This CID covers the general requirements for test point plugs and banana plugs for use in electrical and electronic equipment. The test point connectors covered by this CID are primarily for use in airborne, ground support, and shipboard electrical and electronic equipment, for test purposes only. They are not intended for use as an integral part of the equipment for which the overall system operation is dependent. Connectors covered by this CID are intended for commercial/industrial applications and shall not be used in military systems needing stringent environmental and electrical requirements.

2. **CLASSIFICATION.** This CID uses a classification system which is included in the Part Identification Number (PIN) as shown in the following example (see 7.1). The following part identification numbering procedure is for Government purposes and does not constitute a requirement for the contractor.

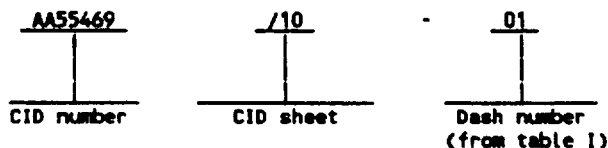


TABLE I. Design and identification data.

Dash number AA55469/10-	Color	Current rating (amperes, maximum)	Contact resistance (milliohms, maximum)
01	Black	10	10
02	Red	10	10

3. SALIENT CHARACTERISTICS

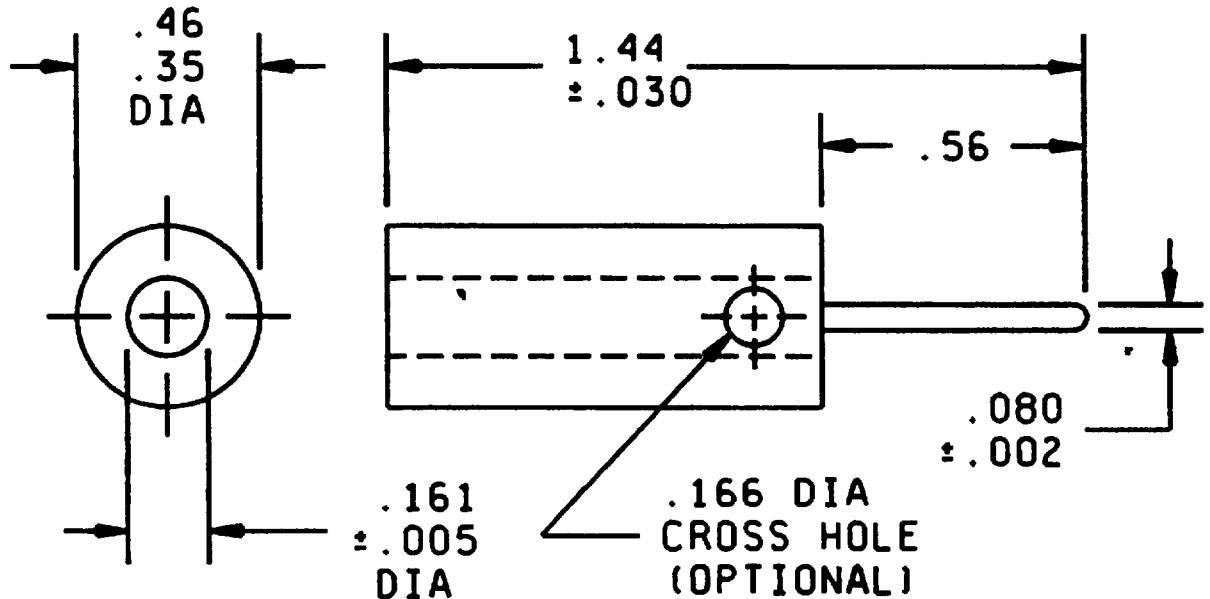
3.1 **CID sheet.** The electrical connectors shall be in accordance with the requirements specified herein in addition to the salient characteristics of A-A-55469.

3.2 **Design, construction, and dimensions.** Design, construction, and dimensions shall be as specified on figure 1 and table I.

3.3 **Contact current rating.** Contact current rating shall be as specified in table I.

3.4 **Contact resistance.** Contact resistance shall be as specified in table I.

Beneficial comments, recommendations, additions, deletions, clarifications, etc., and any data which may improve this document should be sent to: Defense Electronics Supply Center, ATTN: DESC-ELDI, 1507 Wilmington pike, Dayton OH 45444-5765, or telephone (513) 296-5391, or facsimile (FAX) (513) 296-8868.



AA55469/10-01 and AA55469/10-02

Inches	mm	Inches	mm
.002	0.05	.166	4.22
.005	0.13	.35	8.9
.030	2.03	.46	11.7
.080	2.03	.56	14.2
.161	4.09	1.44	36.6

NOTES.

1. Dimensions are in inches.
2. Metric equivalents are given for information only.
3. Unless otherwise specified, tolerances are $\pm .010$ (0.25 mm) for three-place decimals and $\pm .03$ (0.8 mm) for two-place decimals.
4. When set screw is used, the head shall be below the surface of the insulating material.

Figure 1. Configuration and dimensions.

3.5 Dielectric withstanding voltage (at sea level). Dielectric withstanding voltage (at sea level) shall be 3,000 V rms at 60 Hz or 5,000 V dc.

3.6 Operating voltage. Operating voltage is 300 volts rms, 60 hertz at sea level.

3.7 Marking. Test point connectors supplied to this CID shall be marked with the manufacturer's standard commercial PIN.

4. REGULATORY REQUIREMENTS. This section is not applicable to this CID.

5. QUALITY ASSURANCE PROVISIONS. Shall be as specified in CID A-A-55469.

5.1 Certificate of compliance. Each contractor desiring to be listed as a suggested source of supply shall submit a DESC certificate of compliance to DESC-ELDI. This certificate shall state that the contractor's product meets all the requirements of this CID. In addition, a certificate of compliance shall accompany all test point connectors supplied to this CID.

6. PACKAGING.

6.1 Preservation, packing, and marking. Preservation, packing, and marking shall be as specified in the contract or order.

7. NOTES

7.1 Part Identification number (PIN). The PIN procedure is for government purposes and does not constitute a requirement for the contractor. See Section 2 for PIN format example.

7.2 Source of document.

Commercial Item description

A-A-55469 - Connectors, Electrical, Plugs.

(Copies of commercial item descriptions are available from the Defense Printing Service Detachment Office, Building 40 (Customer Service), 700 Robbins Avenue, Philadelphia, PA 19111-5094.)

7.3 Government users. To acquire information on obtaining these test point connectors from the Government inventory system, contact Defense Electronics Supply Center, ATTN: DESC-EON, 1507 Wilmington Pike, Dayton, OH 45444-5522, or telephone (513) 296-8436.

7.4 Ordering data. Ordering data shall be as specified in A-A-55469.

7.5 Supersession data. This CID supersedes MIL-C-28901/10.

7.6 Suggested sources of supply. Suggested sources of supply are listed below. Additional sources will be added as they become available. The vendors listed have submitted a certificate of compliance to DESC-ELDI and meet the market acceptability requirements of this CID.

Dash number (see table 1) AA55469/10-	Vendor commercial PIN CAGE 74970	Applicable NSN
01	105-0303-001	5935-00-846-8236
02	105-0302-001	5935-00-578-3494

Vendor CAGE
number

74970

Vendor name
and address

E.F. Johnson
299 Johnson Ave.
Waseca, MN 56093

CIVIL AGENCY COORDINATING ACTIVITY:

GSA - 7FXE

PREPARING ACTIVITY:

DLA-ES

(Project 5935-D553)